

Farm product sorting apparatus for e.g. potato - has follower cam provided on each end of each rotation shaft and is moved by bolt and nut assembly to allow movement of any of several discs along length of shaft

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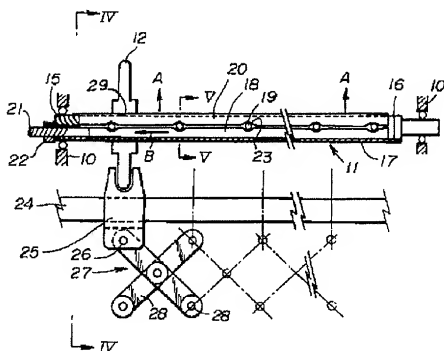
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The apparatus includes several rotation shafts (11) arranged in parallel between right and left frames (10). Several parallel discs (12) are mounted on each rotation shaft. A gap to facilitate vegetable sorting is formed between each adjoining pair of discs.

A follower cam (20) has a U-shaped shank (17) coupled to each end (15,16) of each rotation shaft. A guide bar (24) is installed between frames and under the rotation shafts. A bolt and nut assembly (21,22) outside each shaft end is turned to also turn each follower cam inward and outward of the shaft. A scraper (25), installed on the guide bar, is inserted with any of the discs. By moving the scraper with a pantograph mechanism (27), or by moving the cam, the disc can slide along the shaft.

ADVANTAGE - Enables simple and quick disc adjustment without removing it from rotation shaft nor using interval adjustment ring. (4pp Dwg.No.3/5)

N97-403989



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|-----------|---------------|
| 18 : 原動カム | 25 : スクレーパー   |
| 19 : ローラ  | 26 : ピン       |
| 23 : カム溝  | 27 : パンタグラフ機構 |
| 24 : 案内棒  | 28 : レバー      |